

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A vaccine for prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a polypeptide selected from the group consisting of:

- a) a polypeptide comprising the amino acid sequence of SEQ ID NO:2;
- b) a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, in which one to 15 25 amino acids are substituted, deleted, added, and/ or inserted; and
- c) a-polypeptide comprising the amino acid sequence with 95% 93% or more homology to the amino acid sequence of SEQ ID NO: 2;and
- d) ~~a polypeptide comprising 45 or more continuous amino acid residues of the amino acid sequence of SEQ ID NO:2.~~

2. (Currently amended) A vaccine for prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1;
- b) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 2;
- c) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, in which one to 15 25 amino acids are substituted, deleted, added, and/ or inserted; and
- d) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence with 95% 93% or more homology to the amino acid sequence of SEQ ID NO: 2;and

e) — a polynucleotide encoding a polypeptide comprising 45 or more continuous amino acid residues of the amino acid sequence of SEQ ID NO:2.

3. (Previously presented) The vaccine of claim 1, wherein the vaccine comprises a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

4. (Canceled).

5. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 1 to a cat at least once.

6-8. (Canceled).

9. (Previously presented) The vaccine of claim 2, wherein the vaccine comprises a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

10. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 2 to a cat at least once.

11. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 3 to a cat at least once.

12. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 9 to a cat at least once.